

## **ABSTRACT**

A modular refrigeration system includes a refrigeration device having a space configured for storage of products therein, a cooling system providing a coolant configured to cool the space, and at least one modular cooling element configured for placement at any one of a plurality of locations within the space and configured to receive the coolant so that a temperature distribution profile of the products within the space can be customized. A method of customizing a temperature distribution profile within a refrigeration device having a cooling system is also disclosed. The method includes the steps of determining a temperature distribution profile within the refrigeration device, identifying at least one location within the refrigeration device having a temperature above a desired temperature range, providing a modular cooling element configured for installation at the location, and interconnecting the modular cooling element with the cooling system.